

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-0144868</b>
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>TRIBAL SURFACE</b>
2. Name of Operator <b>WESTPORT OIL &amp; GAS COMPANY L.P.</b>		7. If Unit or CA Agreement, Name and No. <b>NATURAL BUTTES UNIT</b>
3a. Address <b>1368 SOUTH 1200 EAST VERNAL, UT 84078</b>	3b. Phone No. (include area code) <b>(435) 781-7024</b>	8. Lease Name and Well No. <b>NBU 920-15B</b>
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <b>NWNE 501'FNL, 1876'FEL</b> <i>615 208X 40.041230</i> At proposed prod. Zone <i>4432997Y -109.049523</i>		9. API Well No. <i>43-047-37895</i>
14. Distance in miles and direction from nearest town or post office* <b>8.45 MILES SOUTHEAST OF OURAY, UTAH</b>		10. Field and Pool, or Exploratory <b>NATURAL BUTTES</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>501'</b>	16. No. of Acres in lease <b>320.00</b>	11. Sec., T., R., M., or Blk, and Survey or Area <b>SECTION 15-T9S-R20E</b>
18. Distance from proposed* location to nearest well drilling, completed, applied for, on this lease, ft. <b>REFER TO TOPO C</b>	19. Proposed Depth <b>10,400'</b>	12. County or Parish <b>UINTAH</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4779'GL</b>	22. Approximate date work will start* <b>UPON APPROVAL</b>	13. State <b>UTAH</b>
23. Estimated duration <b>TO BE DETERMINED</b>		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |   |
|---|---|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature <i>Sheila Upchego</i>	Name (Printed/Typed) <b>SHEILA UPCHEGO</b>	Date <b>3/1/2006</b>
Title <b>REGULATORY ANALYST</b>		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>03-20-06</b>
Title <b>ENVIRONMENTAL MANAGER</b>	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

MAR 10 2006

SCALE 1" = 1000'	DATE SURVEYED: 11-10-05	DATE DRAWN: 12-22-05
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

NBU 920-15B  
NWNE SEC 15-T9S-R20E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: UTU-0144868

ONSHORE ORDER NO. 1  
WESTPORT OIL & GAS COMPANY

***DRILLING PROGRAM***

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Green River	1800'
Wasatch	5300'
Mesaverde	8450'
Total Depth	10,400'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1800'
	Wasatch	5300'
Gas	Mesaverde	8450'
Gas		
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

4. **Proposed Casing & Cementing Program:**

*Please see the Natural Buttes Unit SOP.*

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

6. **Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure at 10,400' TD approximately equals 6,448 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4,160 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates & Notification of Operations:**

*Please see the Natural Buttes Unit SOP.*

9. **Variances:**

*Please see the Natural Buttes Unit SOP.*

10. **Other Information:**

*Please see the Natural Buttes Unit SOP.*

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**KERR-McGEE OIL & GAS ONSHORE LP**  
**DRILLING PROGRAM**

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	March 1, 2006		
WELL NAME	NBU 920-15B	TD	10,400'	MD/TVD	
FIELD	Natural Buttes	COUNTY	Uintah	STATE	Utah
		ELEVATION	4,779'	GL	KB 4,794'
SURFACE LOCATION	NWNE SECTION 15-T9S-R20E 501'FNL & 1876'FEL				BHL Straight Hole
	Latitude: 40.041328	Longitude: 109.650339			
OBJECTIVE ZONE(S)	Wasatch/Mesaverde				
ADDITIONAL INFO	Regulatory Agencies: TRIBAL SURFACE & BLM MINERALS, UDOGM, Tri-County Health Dept.				

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 32.3#, H-40, STC	Air mist
			**For wells w/ surf csg set below 2300' app 10 jts of 36# J55 will be run on bottom		
Catch water sample, if possible, from 0 to 5,300'					
	Green River @ Preset f/ GL @ 2800 MD	1,800			
	Note: 12.25" surface hole will usually be drilled ±400' below the lost circulation zone (aka bird's nest). Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.				
Mud logging program TBD Open hole logging program f/ TD - surf csg			7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-12.7 ppg
	Wasatch @	5,300'			
	Mverde @	8,450'			
	TD @	10,400'			Max anticipated Mud required 12.7 ppg



# KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

## CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2400	32.30	H-40	STC	0.50*****	1.22	3.21
						3520	2020	564000
	9-5/8"	2400 to 2800	36.00	J-55	STC	1.00*****	1.54	7.12
PRODUCTION						10690	7560	279000
	4-1/2"	0 to 10400	11.60	I-80	LTC	2.33	1.10	2.65

1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft - partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft - partial evac gradient x TD)

(Burst Assumptions: TD = 12.7 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing/Buoy.Fact. of water)

MASP 4580 psi

\*\*\*\*\* Burst SF is low but csg is stronger than formation at 2800 feet

\*\*\*\*\* EMW @ 2800 for 2270# is 15.6 ppg or 0.8 psi/ft

## CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	NOTE: If well will circulate water to surface, option 2 will be utilized						
	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	230	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,800'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	520	60%	11.00	3.38
	TAIL	5,600'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1570	60%	14.30	1.31

\*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

\*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

## FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

## ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" SM with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

& lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

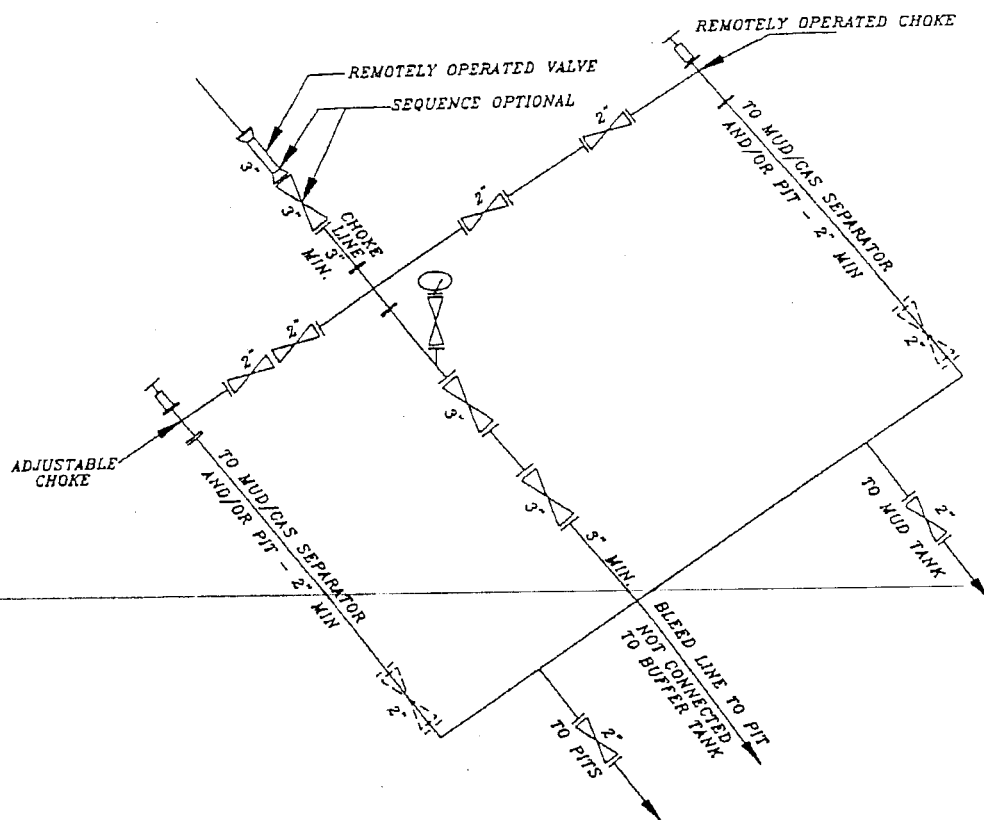
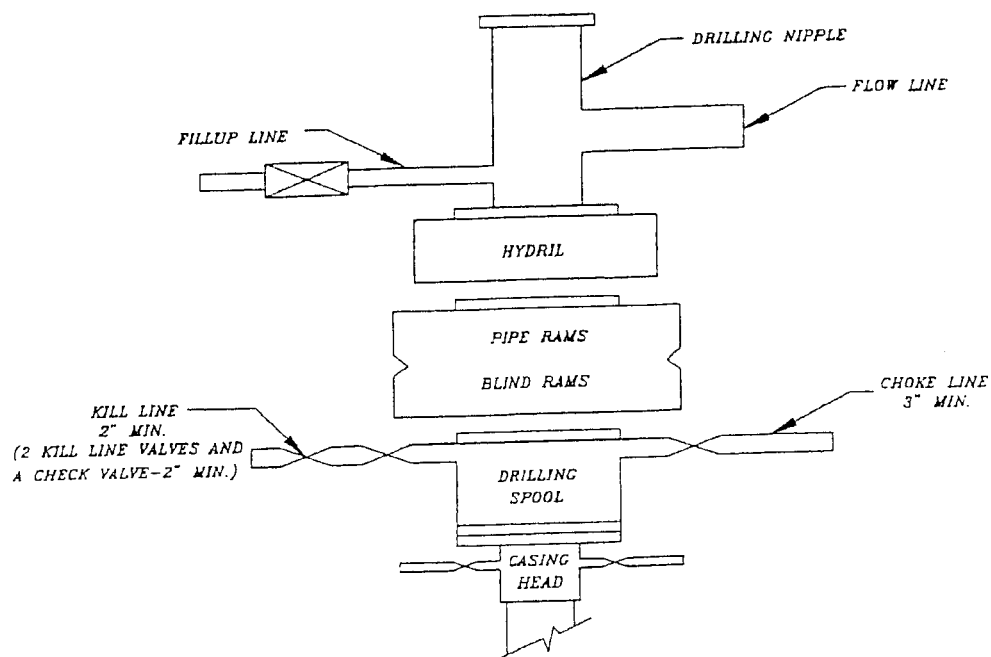
DATE:

DRILLING SUPERINTENDENT:

Randy Bayne NBU920-15B\_P110\_APD(pipeline).xls

DATE:

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 920-15B  
NWNE SEC 15-T9S-R20E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: UTU-0144868

ONSHORE ORDER NO. 1

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. **Planned Access Roads:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

Approximately 0.15 +/- Miles of proposed access road. Refer to Topo Map B.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

*Please see the Natural Buttes Unit SOP.*

Refer to Topo Map D for the location of the proposed pipeline.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5Y 6/2), a non-reflective earthtone.

5. **Location and Type of Water Supply:**

*Please see the Natural Buttes Unit SOP.*

6. **Source of Construction Materials:**

*Please see the Natural Buttes Unit SOP.*

7. **Methods of Handling Waste Materials:**

*Please see the Natural Buttes Unit SOP.*

*Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec 5-T9S-R22E, NBU #159, Sec 35-T9S-R21E, Ace Oilfield Sec 2-T6S-R20E, MC & MC Sec 12-T6S-R19E.. (Requests in lieu of filing Form 3160-5 after initial production).*



**8. Ancillary Facilities:**

*Please see the Natural Buttes Unit SOP.*

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Culvert(s) will be installed if needed.

A run off diversion for drainage will be constructed as needed.

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined. When the reserve pit is closed, the pit liner will be buried below plow depth.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

**10. Plans for Reclamation of the Surface:**

*Please see the Natural Buttes Unit SOP.*

**11. Surface Ownership:**

Ute Indian Tribe  
P.O. Box 70  
Fort Duchesne, Utah 84026  
(435)-722-5141

**12. Other Information:**

A Class III archaeological survey has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site.

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This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

**13. Lessee's or Operators's Representative & Certification:**

Sheila Upchego  
Regulatory Analyst  
Kerr-McGee Oil & Gas Onshore LP  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7024

Randy Bayne  
Drilling Manager  
Kerr-McGee Oil & Gas Onshore LP  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted Upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Kerr-McGee Oil & Gas Onshore LP Bond #N-2115, BLM Nationwide Bond # CO-1203, and BIA Nationwide Bond # RLB0005239.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Sheila Upchego

03/01/2006

Date

# Kerr-McGee Oil & Gas Onshore LP

NBU #920-15B

SECTION 15, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.6 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE EXISTING #120 AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 37.55 MILES.

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# Kerr-McGee Oil & Gas Onshore LP

NBU #920-15B

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 15, T9S, R20E, S.L.B.&M.

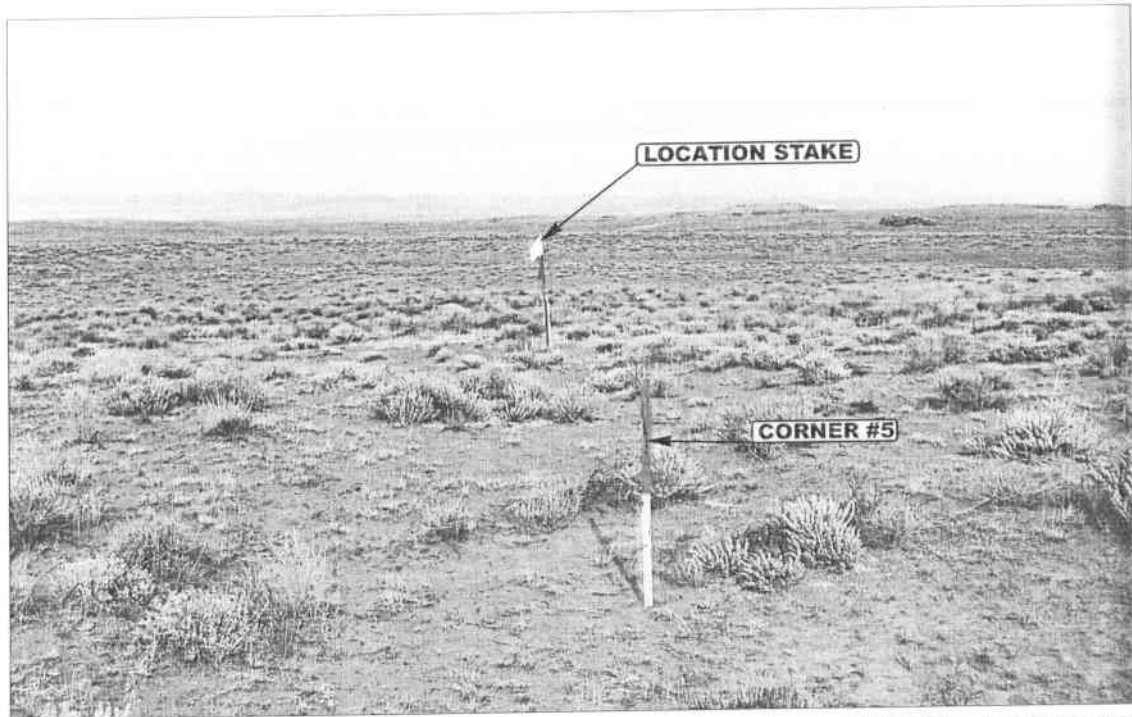


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

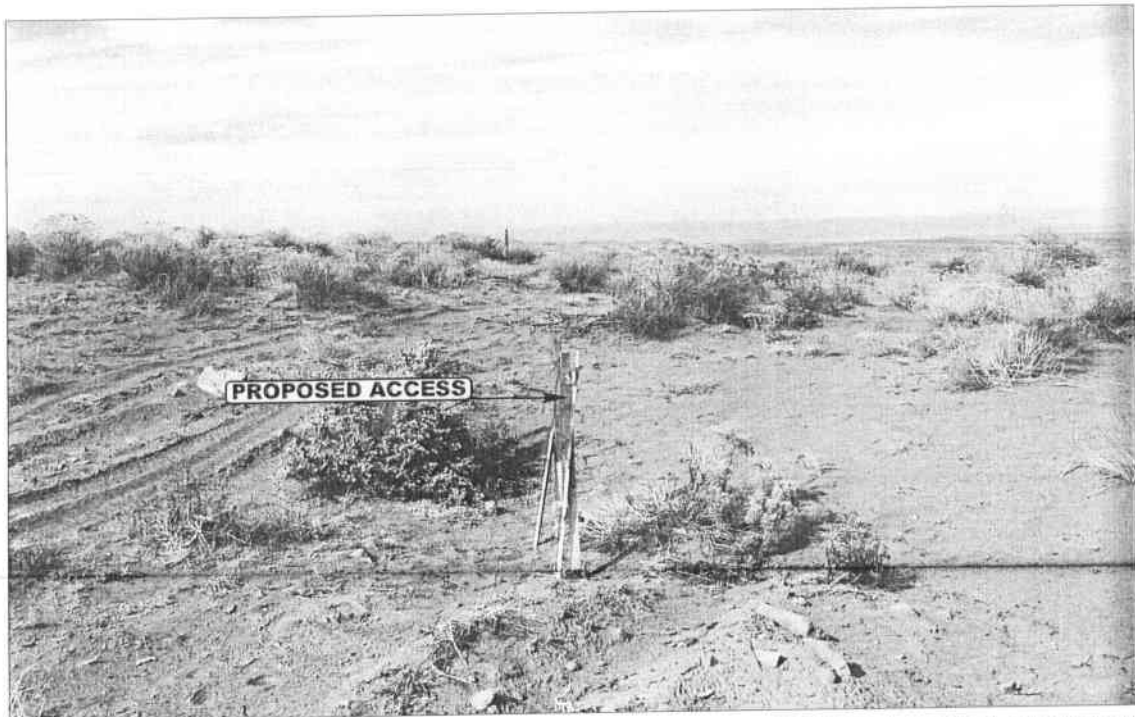


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

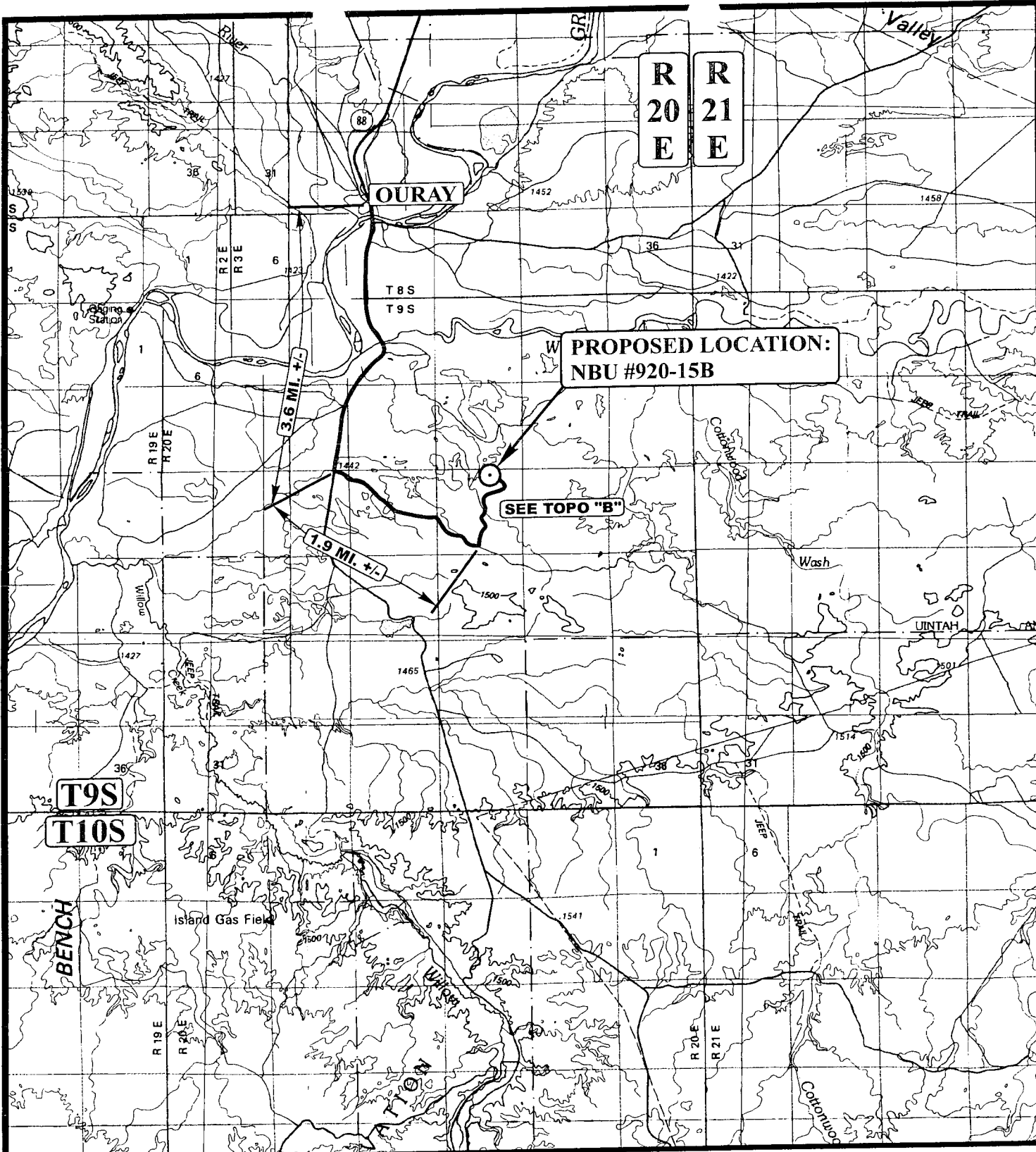
11 18 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 01-14-06



# LEGEND:

○ PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

NBU #920-15B

SECTION 15, T9S, R20E, S.L.B.&M.

501' FNL 1876' FEL



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
 MAP

11 18 05  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 01-14-06





# **LEGEND:**

————— EXISTING ROAD  
 - - - - - PROPOSED ACCESS ROAD

**Kerr-McGee Oil & Gas Onshore LP**

**NBU #920-15B**

**SECTION 15, T9S, R20E, S.L.B.&M.**

**501' FNL 1876' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

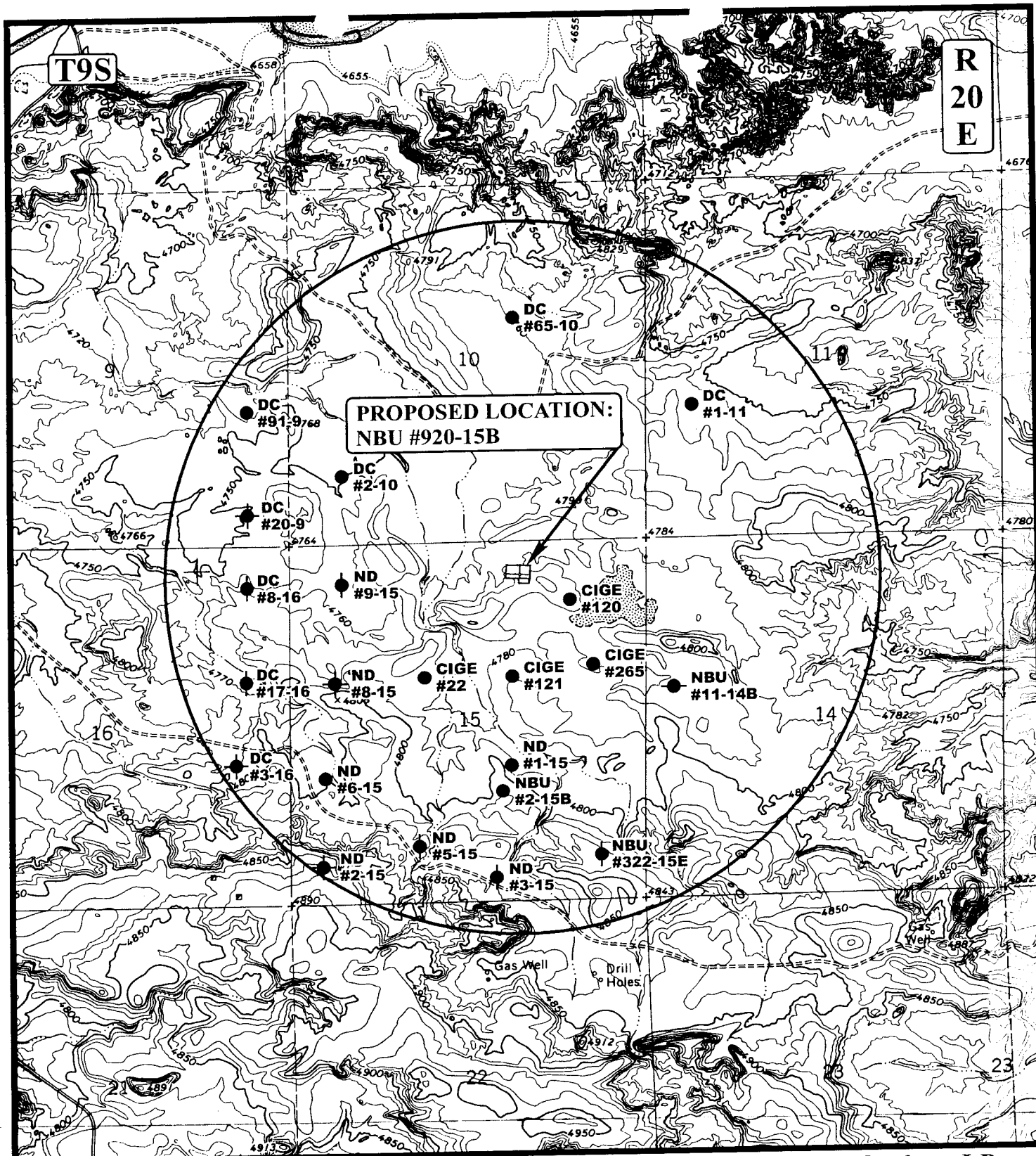


**TOPOGRAPHIC  
MAP**







**11 18 05**  
 MONTH DAY YEAR

**SCALE: 1" = 2000'** **DRAWN BY: C.P.** **REVISED: 01-14-06**

**B  
TOPO**



### LEGEND:

- |   |   |
|---|---|
|  DISPOSAL WELLS  |  WATER WELLS           |
|  PRODUCING WELLS |  ABANDONED WELLS       |
|  SHUT IN WELLS   |  TEMPORARILY ABANDONED |

## Kerr-McGee Oil & Gas Onshore LP

NBU #920-15B  
SECTION 15, T9S, R20E, S.L.B.&M.  
501' FNL 1876' FEL

**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

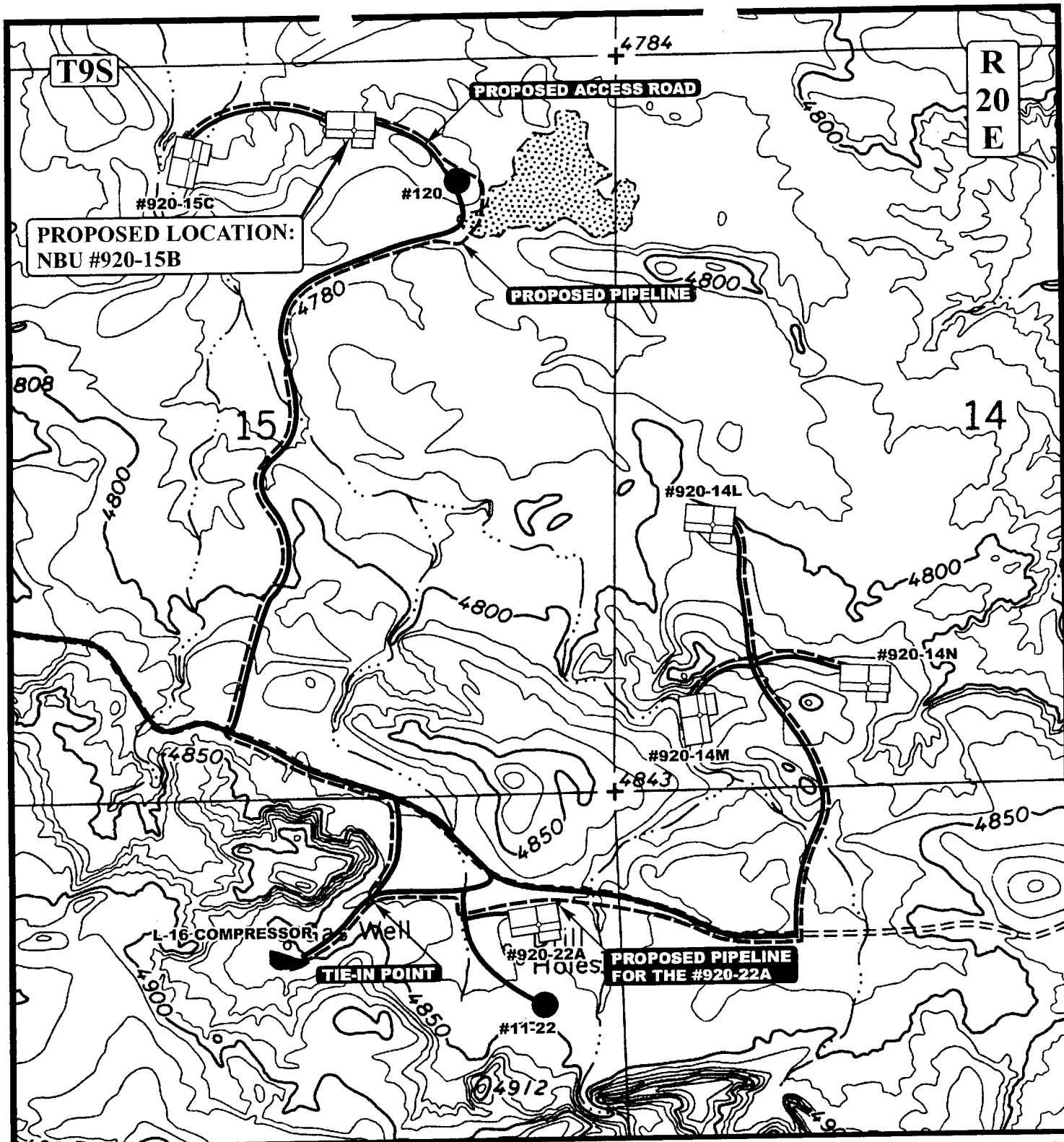
TOPOGRAPHIC  
MAP

11	18	05
MONTH	DAY	YEAR

SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 01-14-06
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**C**  
**TOPC**





# **LEGEND:**

- PROPOSED ACCESS ROAD
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

**Kerr-McGee Oil & Gas Onshore LP**

**NBU #920-15B**

**SECTION 15, T9S, R20E, S.L.B.&M.**

**501' FNL 1876' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

**11** **18** **05**  
 MONTH DAY YEAR

**SCALE: 1" = 1000'** **DRAWN BY: C.P.** **REVISED: 01-14-06**

**D**  
**TOPO**



**Kerr-McGee Oil & Gas Onshore LP**  
NBU #920-15B  
PIPELINE ALIGNMENT  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 15, T9S, R20E, S.L.B.&M.

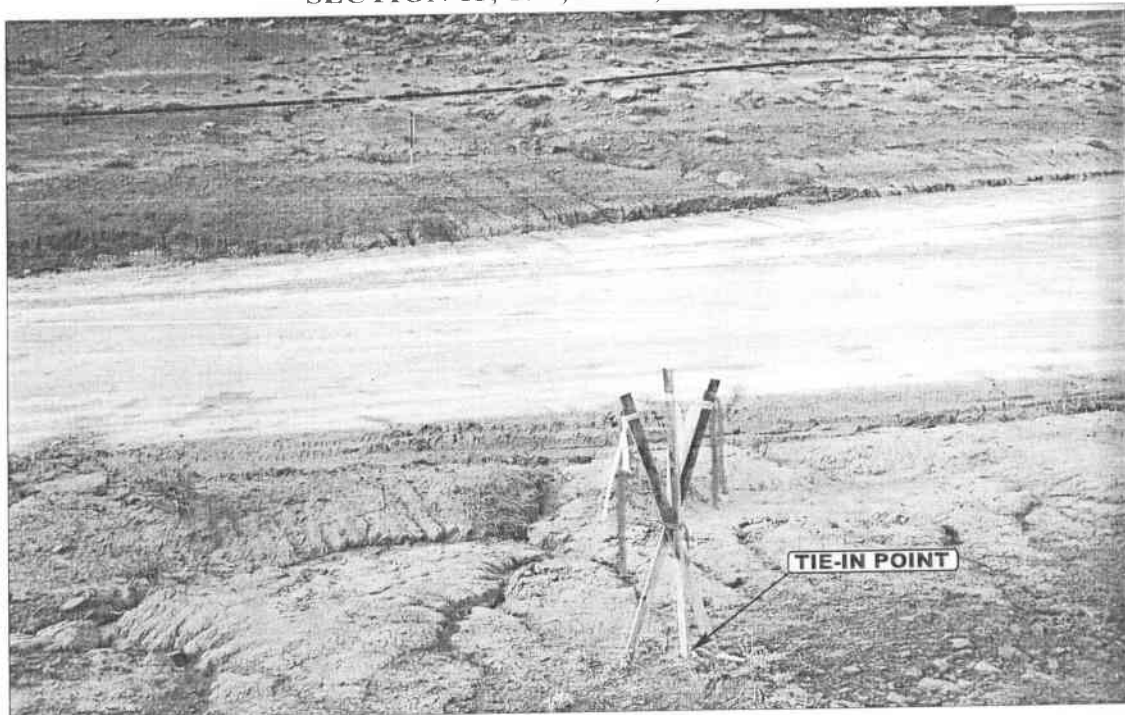


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHERLY

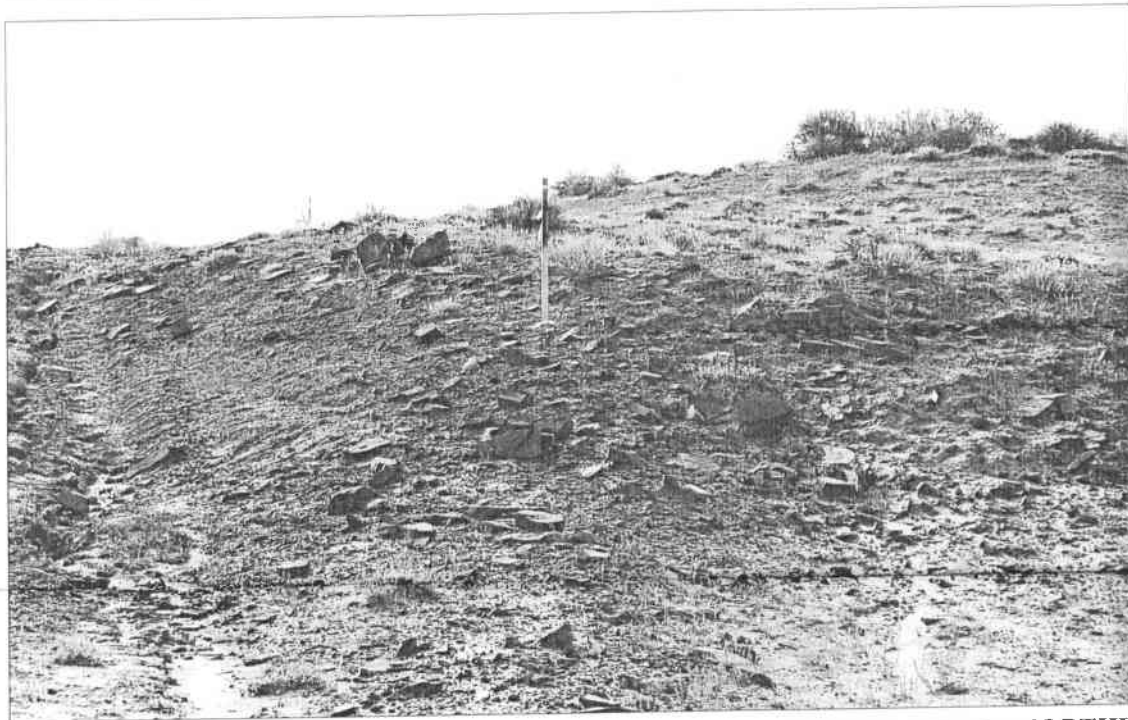


PHOTO: VIEW OF PIPELINE

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

**UELS**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

11 18 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 01-14-06

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

## TYPICAL CROSS SECTIONS FOR

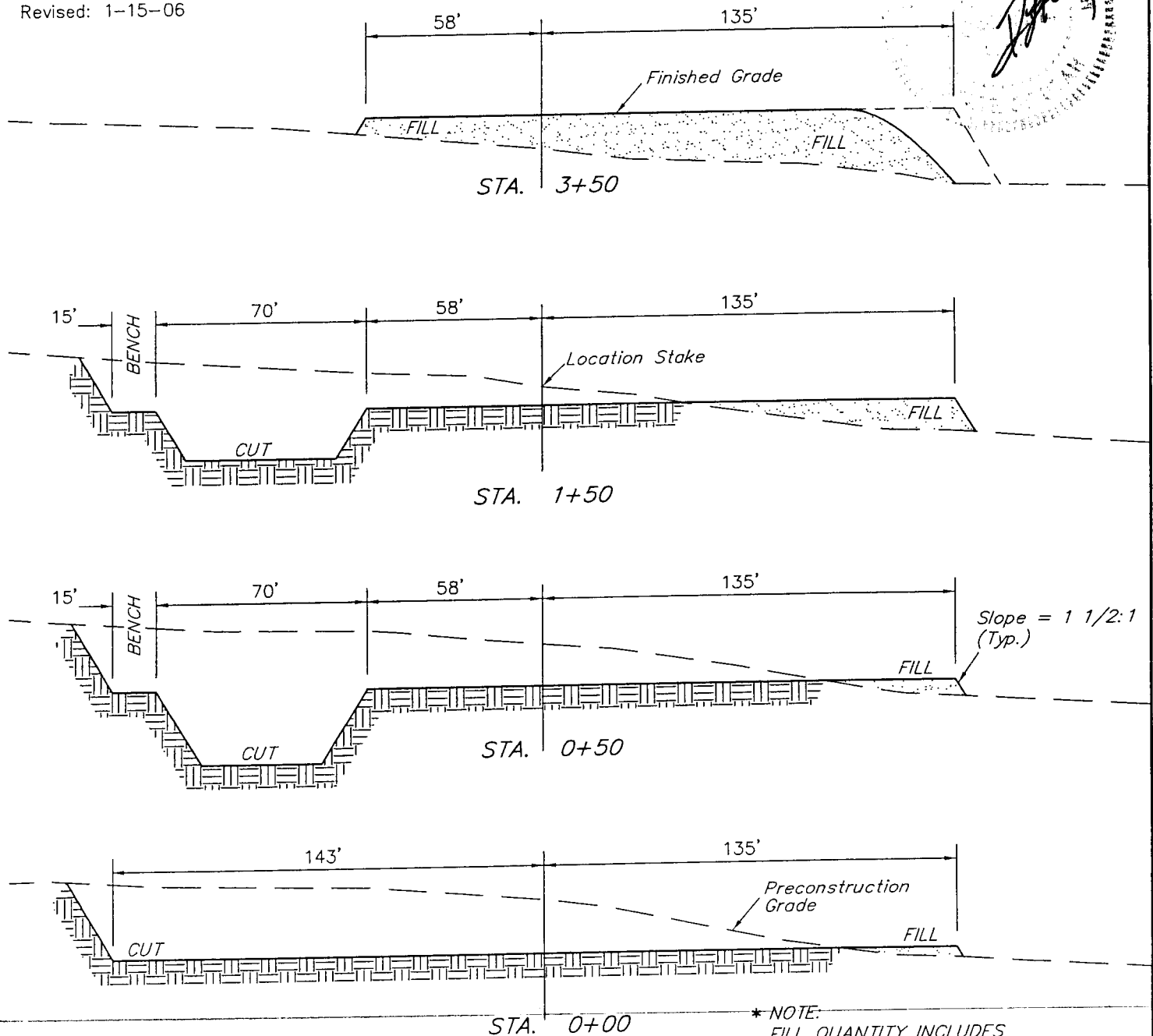
NBU #920-15B

SECTION 15, T9S, R20E, S.L.B.&M.

501' FNL 1876' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 12-22-05  
Drawn By: K.G.  
Revised: 1-15-06



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

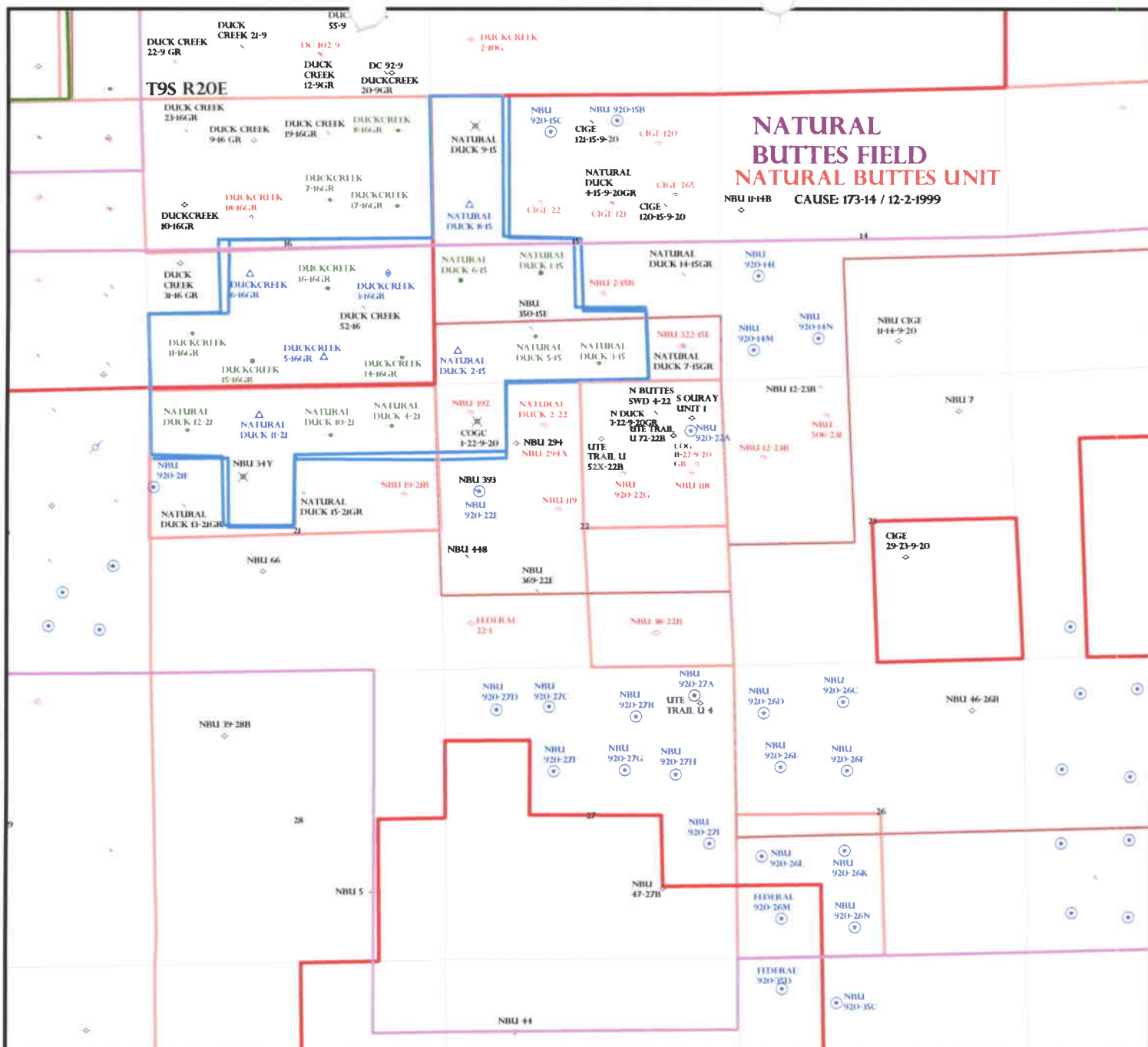
CUT  
(12") Topsoil Stripping = 3,610 Cu. Yds.  
Remaining Location = 9,950 Cu. Yds.  
  
TOTAL CUT = 13,560 CU.YDS.  
FILL = 8,560 CU.YDS.

EXCESS MATERIAL = 5,000 Cu. Yds.  
Topsoil & Pit Backfill = 5,000 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

APD RECEIVED: 03/10/2006

1. Sediment (approx 100)
2. OIL SHALE



OPERATOR: WESTPORT O&G CO (N2115)

SEC: 14,15,21,22,27 T. 10S R. 21E

FIELD: NATURAL BUTTES (630)

COUNTY: UTAH

CAUSE: 173-14 / 12-2-1999

**Field Status**

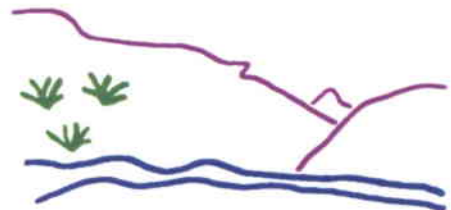
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHEML
- PP OIL
- SECONDARY
- TERMINATED

#### Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 16-MARCH-2006

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160  
(UT-922)

March 17, 2006

**Memorandum**

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Natural Buttes Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-37910	NBU 1021-24I	Sec 24 T10S R21E 2272 FSL 0870 FEL
43-047-37911	NBU 1021-24C	Sec 24 T10S R21E 0626 FNL 1887 FWL
43-047-37912	NBU 1021-24B	Sec 24 T10S R21E 0905 FNL 1648 FEL
43-047-37913	NBU 1021-25G	Sec 25 T10S R21E 2445 FNL 2079 FEL
43-047-37914	NBU 1021-25H	Sec 25 T10S R21E 2377 FNL 0127 FEL
43-047-37917	NBU 1021-25E	Sec 25 T10S R21E 2301 FNL 0183 FWL
43-047-37907	NBU 1021-03L	Sec 03 T10S R21E 2618 FSL 0315 FWL
43-047-37908	NBU 1021-03D	Sec 03 T10S R21E 0285 FNL 0915 FWL
43-047-37909	NBU 1021-03H	Sec 03 T10S R21E 1884 FNL 0506 FEL
43-047-37894	NBU 920-14L	Sec 14 T09S R20E 1907 FSL 0707 FWL
43-047-37895	NBU 920-15B	Sec 15 T09S R20E 0501 FNL 1876 FEL
43-047-37896	NBU 920-15C	Sec 15 T09S R20E 0684 FNL 2181 FWL
43-047-37897	NBU 920-21E	Sec 21 T09S R20E 1851 FNL 0032 FWL
43-047-37898	NBU 920-22A	Sec 22 T09S R20E 0937 FNL 0584 FEL
43-047-37899	NBU 920-27A	Sec 27 T09S R20E 0579 FNL 0728 FEL
43-047-37900	NBU 920-27G	Sec 27 T09S R20E 1907 FNL 2023 FEL
43-047-37901	NBU 920-27F	Sec 27 T09S R20E 1888 FNL 2014 FWL
43-047-37902	NBU 920-27C	Sec 27 T09S R20E 0699 FNL 1937 FWL
43-047-37903	NBU 920-27B	Sec 27 T09S R20E 0934 FNL 1805 FEL
43-047-37904	NBU 920-27D	Sec 27 T09S R20E 0731 FNL 0971 FWL
43-047-37905	NBU 920-27I	Sec 27 T09S R20E 2152 FSL 0491 FEL
43-047-37906	NBU 920-27H	Sec 27 T09S R20E 2023 FNL 1089 FEL

Page 2

Our records indicate the NBU 1021-24I and the 1021-24B are closer than 460 feet from uncommitted land within the Natural Butte Unit. The NBU 1021-25H is located **outside** of the Natural Buttes Unit and is closer than 460 feet from the Unit Boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 20, 2006

Westport Oil & Gas Company, LP  
1368 South 1200 East  
Vernal, UT 84078

Re: Natural Buttes Unit 920-15B Well, 501' FNL, 1876' FEL, NW NE, Sec. 15,  
T. 9 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37895.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office



**Operator:** Westport Oil & Gas Company, LP  
**Well Name & Number** Natural Buttes Unit 920-15B  
**API Number:** 43-047-37895  
**Lease:** UTU-0144868

**Location:** NW NE                      **Sec.** 15                      **T.** 9 South                      **R.** 20 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005237**

**APPROVED 5/16/06**

**Earlene Russell**  
**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MIN. RES.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-0144868

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

8. Well Name and No.

NBU 920-15B

9. API Well No.

4304737895

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NWNE SECTION 15, T9S, R20E 501'FNL, 1876'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other RE-ROUTE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	PIPELINE
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

AN ON-SITE WAS CONDUCTED FOR THE SUBJECT WELL LOCATION ON 05/02/2006. IT WAS DECIDED ON THE ON-SITE INSPECTION TO RE-ROUTE THE PIPELINE. APPROXIMATELY 8,129' +/- OF 4" HIGH PRESSURE PIPELINE AND APPROXIMATELY 8,129' +/- OF 6" LOW PRESSURE PIPELINE TO BE INSTALLED FROM THE PROPOSED LOCATION TO TIE-IN AT THE L-16 COMPRESSOR.

PLEASE REFER TO THE ATTACHED TOPO MAP D FOR PIPELINE PLACEMENT.

RECEIVED

MAY 30 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Signature

Title

Regulatory Analyst

Date

May 24, 2006

COPY SENT TO OPERATOR

Date: 5-15-06

Initials: CHD

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Assistant Director

Date

Utah Division of Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

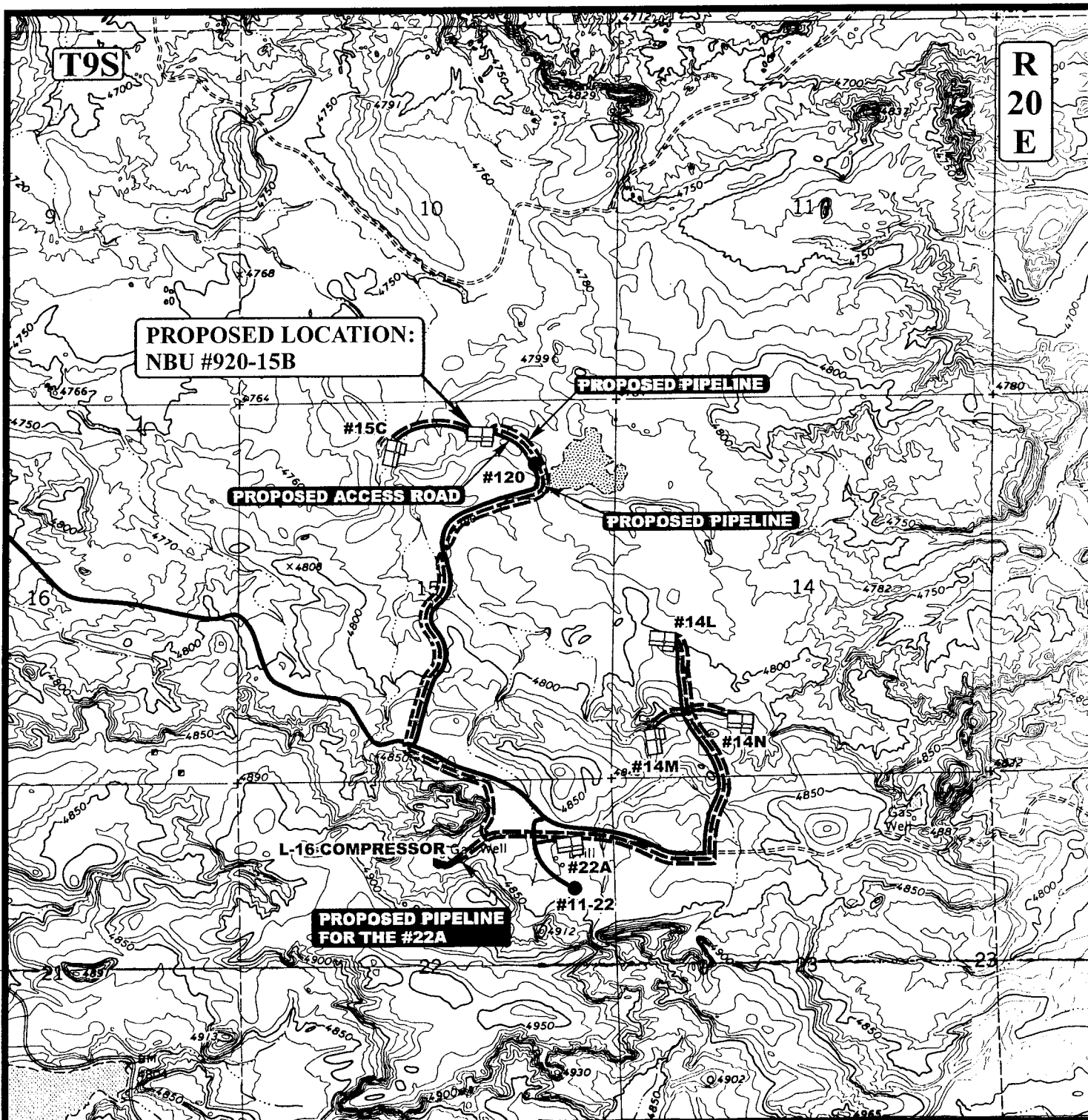
Oil, Gas and Mining

Date: 6/12/06

By: [Signature]

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





APPROXIMATE TOTAL 6" PIPELINE DISTANCE = 8,129' +/-

APPROXIMATE TOTAL 4" PIPELINE DISTANCE = 8,129' +/-

#### LEGEND:

- PROPOSED ACCESS ROAD
- PROPOSED 4" PIPELINE
- PROPOSED 6" PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



**Kerr-McGee Oil & Gas Onshore LP**

**NBU #920-15B**

**SECTION 15, T9S, R20E, S.L.B.&M.**

**501' FNL 1876' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**01 14 06**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 05-09-06



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

501' FNL, 1876' FEL  
NWNE, SEC 15-T9S-R20E

5. Lease Serial No.

UTU-0144868

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-15B

9. API Well No.

4304737895

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON MARCH 20, 2006.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 02-21-07  
By: [Signature]

2-22-07  
Rm

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

[Signature: Ramey Hoopes]

Date

FEBURARY 12, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Instructions on reverse)

FEB 20 2007

DIV OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737895  
**Well Name:** NBU 920-15B  
**Location:** NWNE, SEC 15-T9S-R20E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 3/20/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramey Hopper  
Signature

2/12/2007  
Date

**Title:** Regulatory Clerk

**Representing:** Kerr McGee Oil & Gas Onshore LP

**RECEIVED**

**FEB 20 2007**

**DIV. OF OIL, GAS & MINING**

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 02 2006

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

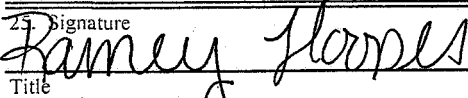
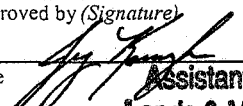
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-0144868</b>
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>TRIBAL SURFACE</b>
2. Name of Operator <b>KERR MCGEE OIL AND GAS ONSHORE LP</b>		7. If Unit or CA Agreement, Name and No. <b>NATURAL BUTTES UNIT</b>
3A. Address <b>1368 SOUTH 1200 EAST VERNAL, UT 84078</b>		8. Lease Name and Well No. <b>NBU 920-15B</b>
3b. Phone No. (include area code) <b>(435) 781-7003</b>		9. API Well No. <b>43-047-37895</b>
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <b>NWNE 501'FNL, 1876'FEL</b> At proposed prod. Zone		10. Field and Pool, or Exploratory <b>NATURAL BUTTES</b>
14. Distance in miles and direction from nearest town or post office* <b>8.45 MILES SOUTHEAST OF OURAY, UTAH</b>		11. Sec., T., R., M., or Blk, and Survey or Area <b>SECTION 15-T9S-R20E</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>501'</b>	16. No. of Acres in lease <b>320.00</b>	12. County or Parish <b>UINTAH</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>REFER TO TOPO C</b>	19. Proposed Depth <b>10,400'</b>	13. State <b>UTAH</b>
20. BLM/BIA Bond No. on file <b>CO-1203 WY 2251 WYB000 291</b>		17. Spacing Unit dedicated to this well <b>40.00</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4779'GL</b>	22. Approximate date work will start* <b>UPON APPROVAL</b>	23. Estimated duration <b>TO BE DETERMINED</b>

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.  | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) <b>RAMEY HOOPES</b>	Date <b>4/27/2006</b>
Title <b>REGULATORY CLERK</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>JERRY KEWERKA</b>	Date <b>1-16-2008</b>
Title <b>Assistant Field Manager Lands &amp; Mineral Resources</b>	Office <b>VERNAL FIELD OFFICE</b>	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

JAN 23 2008

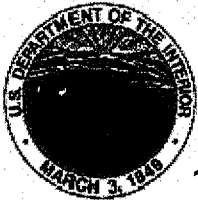
NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

No NOS

07BM4913A

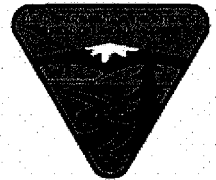


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Kerr-McGee Oil & Gas Onshore LP  
Well No: NBU 920-15B  
API No: 43-047-37895

Location: NWNE, Sec. 15, T9S, R20E  
Lease No: UTU-0144868  
Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**Additional Stipulations**

- Archeological monitoring.
- Line pit and use felt pad.

**General Conditions of Approval**

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.

- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- Surface casing cement shall be brought up to the surface. To reach the surface, operator is required to pump additional cement beyond the stated amounts of sacks in application.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.



- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: KERR-McGEE OIL & GAS ONSHORE, LP

Well Name: NBU 920-15B

Api No: 43-047-37895 Lease Type: FEDERAL

Section 15 Township 09S Range 20E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

### **SPUDDED:**

Date 02/18/ 08

Time 12:00 NOON

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 02/19/08 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: 1368 SOUTH 1200 EAST  
city VERNAL  
state UT zip 84078 Phone Number: (435) 781-7024

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737758	NBU 920-20M		SWSW	20	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	2/14/2008		2/28/08		
<b>Comments:</b> MIRU PETE MARTIN BUCKET RIG. <u>W57MVD</u> SPUD WELL LOCATION ON 02/14/2008 AT 1200 HRS							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737756	NBU 920-20J		NWSE	20	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	2/16/2008		2/28/08		
<b>Comments:</b> MIRU PETE MARTIN BUCKET RIG. <u>W57MVD</u> SPUD WELL LOCATION ON 02/16/2008 AT 1200 HRS.							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737895	NBU 920-15B		NWNE	15	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	2/18/2008		2/28/08		
<b>Comments:</b> MIRU PETE MARTIN BUCKET RIG. <u>W57MVD</u> SPUD WELL LOCATION ON 02/18/2008 AT 1200 HRS							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

2/19/2008

Date

**RECEIVED**

FEB 19 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/NE SEC. 15, T9S, R20E 501'FNL, 1876'FEL**

5. Lease Serial No.

**UTU-0144868**

6. If Indian, Allottee or Tribe Name

**UTE TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 920-15B**

9. API Well No.

**4304737895**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>WELL SPUD</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

**MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7#  
SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.**

**SPUD WELL LOCATION ON 2/18/2008 AT 1200 HRS**

**RECEIVED**

**FEB 25 2008**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**February 19, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

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2. Name of Operator

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3b. Phone No. (include area code)

**(435) 781-7024**

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**NW/NE SEC. 15, T9S, R20E 501'FNL, 1876'FEL**

5. Lease Serial No.

**UTU-0144868**

6. If Indian, Allottee or Tribe Name

**UTE TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 920-15B**

9. API Well No.

**4304737895**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>SET SURFACE</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>CSG</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU CRAIG'S AIR RIG ON 02/21/2008. DRILLED 12 1/4" SURFACE HOLE TO 2880'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/300 SX HIFILL CLASS G @11.6 PPG 3.13 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS 14 +/- BBLS LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**February 25, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

(Instructions on reverse)

**MAR 03 2008**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

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☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

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3b. Phone No. (include area code)

**(435) 781-7024**

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**NW/NE SEC. 15, T9S, R20E 501'FNL, 1876'FEL**

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**UTU-0144868**

6. If Indian, Allottee or Tribe Name

**UTE TRIBE**

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**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 920-15B**

9. API Well No.

**4304737895**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	START-UP
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 04/18/2008 AT 1600 HRS.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

**RECEIVED**

**MAY 02 2008**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**April 21, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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(Instructions on reverse)



WINS No.: 94880

NBU 920-15B

Start Date: 2/18/2008

AFE No.: 2012333

## Operation Summary Report

End Date: 3/14/2008

Operator KERR MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES	SPUD DATE 2/18/08	GL 4,779	KB 4793	ROUTE
API 4304737895		STATE UTAH	COUNTY UINTAH		DIVISION ROCKIES	
Lat./Long.: Lat./Long.: 40.04133 / -109.65034    Q-Q/Sect/Town/Range:    NWNE / 15 / 9S / 20E    Footages:    501.00' FNL 1,876.00' FEL						
MTD 4793		TVD 6443	LOG MD		PBMD 4793	PBTVD 4793

EVENT INFORMATION: EVENT ACTIVITY: DRILLING REASON:  
 OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED:  
 OBJECTIVE2: Event End Status: COMPLETE

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 41 / 41	02/29/2008	02/29/2008		03/04/2008	03/12/2008	03/14/2008	03/15/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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2/18/2008

SUPERVISOR: LEW WELDON

12:00 - 18:00	6.00	DRLCON	02	P			MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1200 HR 2/18/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 41 BLM AND STATE NOTFIED OF SPUD
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2/21/2008

SUPERVISOR: LEW WELDON

1:00 - 12:00	11.00	DRLSUR	02	P			MOVE IN AND RIG UP AIR RIG SPUD WELL @ 0100 HR 2/21/08 DA AT REPORT TIME 780'
12:00 - 0:00	12.00	DRLSUR	02	P			RIG DRILLING AHEAD NO WATER 1140'

2/22/2008

SUPERVISOR: LEW WELDON

0:00 - 12:00	12.00	DRLSUR	02	P			RIG DRILLING AHEAD NO WATER 1860'
12:00 - 0:00	12.00	DRLSUR	02	P			RIG DRILLING AHEAD NO WATER 2120'

2/23/2008

SUPERVISOR: LEW WELDON

0:00 - 12:00	12.00	DRLSUR	02	P			RIG DRILLING AHEAD NO WATER 2520'
12:00 - 23:00	11.00	DRLSUR	02	P			RIG T/D @ 2880' CONDITION HOLE 1 HR
23:00 - 0:00	1.00	DRLSUR	05	P			TRIP DP OUT OF HOLE @ REPORT TIME

2/24/2008

SUPERVISOR: LEW WELDON

0:00 - 4:00	4.00	DRLSUR	05	P			FINISH TRIPPING DP OUT OF HOLE
4:00 - 10:00	6.00	DRLSUR	11	P			RUN 2817' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG
10:00 - 11:30	1.50	DRLSUR	15	P			CEMENT 1ST STAGE WITH 300 SKS LEAD @ 11.6# 3.13 17.86 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS + - 14 BBL LEAD CMT TO PIT
11:30 - 12:30	1.00	DRLSUR	15	P			1ST TOP JOB 100 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND STAYED AT SURFACE
12:30 - 12:30	0.00	DRLSUR					NO VISIBLE LEAKS PIT 1/4 FULL WORT

2/29/2008

SUPERVISOR: RON SJOSTROM

Wins No.: 94880		NBU 920-15B				API No.: 4304737895		
EVENT INFORMATION:		EVENT ACTIVITY: DRILLING OBJECTIVE: DEVELOPMENT OBJECTIVE2:				REASON: DATE WELL STARTED/RESUMED: Event End Status: COMPLETE		
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 41 / 41		02/29/2008	02/29/2008		03/04/2008	03/12/2008	03/14/2008	03/15/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation	
	0:00 - 18:00	18.00	DRLPRO	01	E	P	RIG DOWN BACK YARD, PULL ELECTRIC CABLES, RIG DOWN, MOVE, SET UP RIG CAMP, RIG DOWN PITS & PUMPS, RIG DOWN FLOOR, LOWER DERRICK @ 1430 HRS, DERRICK OFF FLOOR 1700 HRS, UNABLE TO REMOVE DRAWWORKS FROM FLOOR, OR LOAD PUMPS DUE TO SOFT LOCATION, WILL WAIT UNTIL MORNING FREEZE==85% RIGGED DOWN, 10% MOVED, 8 TRUCKS TOTAL, 1 FORKLIFT, 1 CRANE--MAN HOURS TODAY 114	
	18:00 - 0:00	6.00	DRLPRO	12	D	P	WAIT ON DAYLIGHT	
3/1/2008								
SUPERVISOR: RON SJOSTROM								
	0:00 - 6:00	6.00	DRLPRO	12	D	P	WAIT ON DAYLIGHT-RIG IDLE	
	6:00 - 12:00	6.00	DRLPRO	01	E	P	REMOVE PUMPS, BACK YARD, SET OFF DRAWWORKS, TEAR APART SUB, LOAD OUT SUB, MATS, SPREADERS	
	12:00 - 19:00	7.00	DRLPRO	01	B	P	SET MATS, SUB, SPREADERS, LINE UP SUB WITH WELL, CONTINUE MOVING RIG, OLD LOCATION CLEARED=120 MAN HOURS TODAY, 234 FOR MOVE=4 BED TRUCKS, 4 HAUL TRUCKS (RELEASED 1800), 1 FORKLIFT, 1 CRANE, 100% MOVED, 20% RIGGED UP	
	19:00 - 0:00	5.00	DRLPRO	12	D	P	WAIT ON DAYLIGHT-RIG IDLE	
3/2/2008								
SUPERVISOR: RON SJOSTROM								
	0:00 - 7:00	7.00	DRLPRO	12	D	P	WAIT ON DAYLIGHT	
	7:00 - 0:00	17.00	DRLPRO	01	B	P	SET DRAWWORKS, SET IN BACK END, PUMPS & PITS, INSTALL WINDWALLS, PIN DERRICK TO FLOOR, HANG MONKEY BOARD, DERRICK UP @ 1600 HRS, RUN ELECTRICAL, AIR, WATER, STEAM LINES==LAST TRUCKS LEFT 1200, CRANE LEFT 1700, MAN HOURS TODAY 120, MAN HOURS FOR MOVE 354==95% RIGGED UP==15 MILE MOVE	
3/3/2008								
SUPERVISOR: RON SJOSTROM								
	0:00 - 6:00	6.00	DRLPRO	01	B	P	RIG UP FLOOR, RUN FLARE & CHOKE LINES FROM BUSTER, PICKUP & MAKEUP KELLY, MAN HOURS TODAY 30, 384 TOTAL FOR MOVE	
	6:00 - 9:00	3.00	DRLPRO	13	A	P	NIPPLE UP BOPS	
	9:00 - 15:00	6.00	DRLPRO	13	C	P	TEST BOPS-CHOKE-KILL VALVES 250/5000, ANNULAR 250/2500, CSG 1500-ALL OK	
	15:00 - 20:30	5.50	DRLPRO	05	A	P	SM, R/U PICKUP MACHINE, WU BIT #1, PICKUP DRLLL STRING & RIH	
	20:30 - 23:00	2.50	DRLPRO	05	A	P	R/D PICKUP MACHINE, TORQUE KELLY, INSTALL ROTATING HEAD RUBBER & DRIVE, TIGHTEN CONNECTION ON FLOWLINE	
	23:00 - 0:00	1.00	DRLPRO	02	F	P	TAG CEMENT @ 2694, DRL CEMENT, FC @ 2784, DRLG CEMENT	
3/4/2008								
SUPERVISOR: RON SJOSTROM								
	0:00 - 2:00	2.00	DRLPRO	02	F	P	DRILL CEMENT & FE, TO 2900	
	2:00 - 2:30	0.50	DRLPRO	04	G	P	CCH FOR SURVEY	
	2:30 - 3:00	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @2826 = 3.58 DEG	
	3:00 - 7:30	4.50	DRLPRO	05	A	S	TRIP OUT BIT #1, TO PICKUP DROPPING BIT (#2)	
	7:30 - 9:30	2.00	DRLPRO	05	A	S	TRIP IN HOLE TO 2900, DRILL 8' CEMENT	
	9:30 - 12:30	3.00	DRLPRO	02	B	P	SPUD IN AND DRILL ACTUAL 2908-3217 = 309' = 103 FPH, MW 8.5 / 26	
	12:30 - 13:00	0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 3142 = 2.13 DEG	
	13:00 - 17:30	4.50	DRLPRO	02	B	P	DRLG 3217-3565 = 348' = 77.3 FPH, MW 8.5 / 26	
	17:30 - 18:00	0.50	DRLPRO	06	A	P	RIG SERVICE	

Wins No.: 94880		NBU 920-15B				API No.: 4304737895		
EVENT INFORMATION:		EVENT ACTIVITY: DRILLING OBJECTIVE: DEVELOPMENT OBJECTIVE2:				REASON: DATE WELL STARTED/RESUMED: 2/18/2008 Event End Status: COMPLETE		
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 41 / 41		02/29/2008	02/29/2008		03/04/2008	03/12/2008	03/14/2008	03/15/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation	
	18:00 - 22:00	4.00	DRLPRO	02	B	P	DRLG 3565-4000 = 435' = 108.7 FPH, MW 8.4 \ 29	
	22:00 - 22:30	0.50	DRLPRO	07	A	Z	REPAIR KELLY SPINNER HOSE	
	22:30 - 0:00	1.50	DRLPRO	02	B	P	DRLG 4000-4135 = 135' = 90 FPH, MW 8.4 / 29	
3/5/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 3:30	3.50	DRLPRO	02	B	P	DRLG 4135-4388 = 253' = 72.3 FPH, MW 8.4 / 29	
	3:30 - 4:00	0.50	DRLPRO	07	A	P	RIG REPAIR-ICE IN MP THROTTLE LINE	
	4:00 - 10:30	6.50	DRLPRO	02	B	P	DRLG 4388-4926 = 538 = 82.7 / 8.6 / 31	
	10:30 - 11:00	0.50	DRLPRO	09	A	P	W L SURVEY 3.25 DEG @ 4851'	
	11:00 - 16:00	5.00	DRLPRO	02	B	P	DRLG 4926-5242 = 316 = 63.2 / 9.2 / 34	
	16:00 - 16:30	0.50	DRLPRO	09	A	P	W L SURVEY 1.82 DEG @ 5167'	
	16:30 - 17:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
	17:00 - 23:00	6.00	DRLPRO	02	B	P	DRLG 5242 - 5495 = 253 = 42.1 / 9.8 / 36,SLOW P RATE	
	23:00 - 0:00	1.00	DRLPRO	04	C	P	CCH,FOR BIT TRIP,MIX SLUG	
3/6/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 3:00	3.00	DRLPRO	05	A	P	PUMP SLUG, DROP SURVEY,TOH	
	3:00 - 6:30	3.50	DRLPRO	05	A	P	CHANGE BITS, FUNCT TEST BOPS,TIH,BREAK CIRC @ 2800',CIH	
	6:30 - 7:00	0.50	DRLPRO	03	E	P	W & R 60' TO BTM ,NO FILL	
	7:00 - 15:30	8.50	DRLPRO	02	B	P	DRLG-5495 - 6034 = 539 = 63.4 / 10.0 / 36	
	15:30 - 16:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
	16:00 - 0:00	8.00	DRLPRO	02	B	P	DRLG 6034 -6560=526=65.7 / 10.0 / 36	
3/7/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 16:30	16.50	DRLPRO	02	B	P	DRLG 6560 - 7332=772=46.7 10.3 / 36	
	16:30 - 17:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
	17:00 - 0:00	7.00	DRLPRO	02	B	P	DRLG 7332 - 7615=283=40.4 10.4 / 38	
3/8/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 16:30	16.50	DRLPRO	02	B	P	DRLG 7615 - 8154=539=32.6 11.0 / 41	
	16:30 - 17:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
	17:00 - 0:00	7.00	DRLPRO	02	B	P	DRLG 8154 - 8350=196=28 11.2 / 41	
3/9/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 7:00	7.00	DRLPRO	02	B	P	DRLG 8350 - 8502=152=21.7 11.2/ 42	
	7:00 - 8:00	1.00	DRLPRO	04	C	P	CCH F/ BIT TRIP,MIX SLUG	
	8:00 - 12:30	4.50	DRLPRO	05	A	P	PUMP SLUG, DROP SURVEY, TOH, X/O BITS & MUD MTR	
	12:30 - 15:00	2.50	DRLPRO	05	A	P	TIH, TO CSG SHOE 2800',BREAK CIRC	
	15:00 - 16:30	1.50	DRLPRO	06	D	P	SLIP & CUT 80' DRLG LINE	
	16:30 - 19:00	2.50	DRLPRO	05	A	P	TRIP IN HOLE	
	19:00 - 19:30	0.50	DRLPRO	03	E	P	W & R 60' TO BTM 4' FILL	
	19:30 - 0:00	4.50	DRLPRO	02	B	P	DRLG 8502 - 8700 =198=44 11.4 / 42	
3/10/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 16:00	16.00	DRLPRO	02	B	P	DRLG 8700 - 9046 = 346 = 21.6 11.4 / 42	
	16:00 - 16:30	0.50	DRLPRO	06	A	P	RIG SERVICE	

Wins No.: 94880		NBU 920-15B				API No.: 4304737895		
EVENT INFORMATION:		EVENT ACTIVITY: DRILLING				REASON:		
		OBJECTIVE: DEVELOPMENT				DATE WELL STARTED/RESUMED:		
		OBJECTIVE2:				Event End Status: COMPLETE		
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PIONEER 41 / 41		02/29/2008	02/29/2008		03/04/2008	03/12/2008	03/14/2008	03/15/2008
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation	
	16:30 - 0:00	7.50	DRLPRO	02	B	P	DRLG 9046 - 9270 = 224 = 29.8 11.7 / 43	
3/11/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 16:30	16.50	DRLPRO	02	B	P	DRILLING 9270 - 9679 = 409 = 24.7 12.3 / 43	
	16:30 - 17:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
	17:00 - 0:00	7.00	DRLPRO	02	B	P	DRILLING 9679 - 9920 = 241 = 34.4 12.5 / 45 5% LCM	
3/12/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 11:30	11.50	DRLPRO	02	B	P	DRLG 9920 - 10273 = 353 = 30.6 43 / 12.7	
	11:30 - 12:00	0.50	DRLPRO	06	A	P	RIG SERVICE	
	12:00 - 12:30	0.50	DRLPRO	07	B	S	WORK ON PUMPS	
	12:30 - 16:00	3.50	DRLPRO	02	B	P	DRLG - 10273 - 10311 = 38 = 10.8 43 / 12.4, ENCOUNTERED WATER FLOW @ 10295 ,WELL TD @ 10311'	
	16:00 - 16:30	0.50	DRLPRO	05	L	X	TRIP OUT HOLE 5 STDS ,PUMPED 20 BBL 14# PILL	
	16:30 - 20:30	4.00	DRLPRO	04	B	P	CCH RAISE MUD WT FROM 12.3 TO 12.7, 900 UNITS TRIP GAS	
	20:30 - 0:00	3.50	DRLPRO	05	E	P	WIPER TRIP, TO 5000', WORK THRU TIGHT SPOT @ 5140, TIH	
3/13/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 0:30	0.50	DRLPRO	05	E	P	TIH TO 9780	
	0:30 - 4:30	4.00	DRLPRO	04	B	P	CCH ,TRIP GAS 1600 UNITS, RAISE MUD WT TO 11.8#	
	4:30 - 9:30	5.00	DRLPRO	05	B	P	TOH F/ LOGS	
	9:30 - 15:30	6.00	DRLPRO	08	F	P	SM RU HALLIBURTON, RUN TRIPLE COMBO, LOGS STOPPED @ 9838' LOG OUT ,RD	
	15:30 - 19:30	4.00	DRLPRO	05	B	P	PICK UP BIT & BIT SU8, TRIP IN HOLE ,BREAK CIRC @ 4500', CIH TO 9805'	
	19:30 - 22:00	2.50	DRLPRO	04	A	P	CIRC BTMS UP, TRIP GAS 500 UNITS	
	22:00 - 0:00	2.00	DRLPRO				TIH, DRILL OUT BRIDGE, 9855, TIH, DRILL BRIDGE 10025 TIH, DRILL BRIDGE 10150, TIH TO 10311, TOH 5 STD, CCH,, SM RU TO LDDP, PUMP SLUG	
3/14/2008								
SUPERVISOR: JIM MURRAY								
	0:00 - 9:00	9.00	DRLPRO	05	C	P	SM RU & LDDP, BREAK KELLY, LD BHA, PULL WEAR BUSHING	
	9:00 - 16:00	7.00	DRLPRO	11	B	P	SM RU T-REX CASERS, RUN 245 JTS OF 41/2 P-110, 11.6# LTC CSG,	
	16:00 - 17:00	1.00	DRLPRO	04	E	P	SM RU HALLIBURTON & CIRC CSG	
	17:00 - 20:00	3.00	DRLPRO	15	A	P	CEMENTING, PUMPED 20 BBL MUD FLUSH, 10 BBL WATER, 26 BBLS (20 SKS) SCAVENGER @ 9.5#, 278 BBLS (786 SKS) LEAD @ 12.6#, 248 BBLS (1100 SKS) TAIL @ 14.3# DISP; LACE W/ 160 BBLS FW, LANDED PLUG W/ 3400 PSI, FLOATS OK, LOST RETURNS WHEN WE DROPPED PLUG NEVER GOT IT BACK	
	20:00 - 20:30	0.50	DRLPRO	11	B	P	LAND CSG W/ 70K, TEST HANGER SEALS, LD SETTING TOOL	
	20:30 - 0:00	3.50	DRLPRO	08	E	P	ND BOP, CLEAN PITS, RIG RELEASED TO BONANZA 1023-7K @ 2400 HRS 3/14/2008	

WINS No.: 94880

NBU 920-15B

Start Date: 4/14/2008

AFE No.: 2012333

## Operation Summary Report

End Date:

Operator KERR MCGEE OIL & GAS ONSHORE LP		FIELD NAME NATURAL BUTTES	SPUD DATE 2/18/08	GL 4.779	KB 4793	ROUTE
API 4304737895		STATE UTAH	COUNTY UINTAH		DIVISION ROCKIES	
Lat./Long.: Lat./Long.: 40.04133 / -109.65034    Q-Q/Sect/Town/Range:    NWNE / 15 / 9S / 20E    Footages:    501.00' FNL 1,876.00' FEL						
MTD 4793		TVD 6443	LOG MD		PBMD 4793	PBTVD 4793

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION  
OBJECTIVE: DEVELOPMENT  
OBJECTIVE2: ORIGINAL

REASON:  
DATE WELL STARTED/RESUMED:  
Event End Status:

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location

MILES 2 / 2

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation
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4/15/2008

SUPERVISOR: JEFF SAMUELS

7:00 - 15:00 , 8.00 COMP 31 I P 7:00 A.M. HSM  
MIRU, NDWH, NUBOPE. PREP & TALLY 2 3/8" L-80 8RD 4.7#  
TBG. P/U 3 7/8" MILL, BIT SUB & RIH P/U 100 JTS TBG OFF  
TRAILER. EOT 3230'. X-O POOH W/ TBG. L/D BIT & BIT SUB.  
ND BOPE. NU FRAC VLV'S. FILL CSG W/ 2% KCL. MIRU B&C  
QUICK TST. PSI TST CSG & FRAC VLV'S TO 7500# (HELD).  
BLEED PSI OFF. PREP TO FRAC IN A.M. SWI. SDFN

4/16/2008

SUPERVISOR: JEFF SAMUELS

9:00 - 18:00 9.00 COMP 36 B P 9:00 A.M. HSM  
MIRU CUTTERS W.L. SVC. P/U 3 3/8" PERF GUNS & RIH.  
SHOOT 24 HOLES F/ 10094' - 10100'. POOH.

NOTE: THIS IS A ZONAL TEST OF BTM 2 MESA VERDE  
ZONES. ALL STAGES SHOT W/ 3 3/8" PERF GUNS LOADED W/  
23 GM CHARGES, 3 & 4 SPF, 90 & 120 DEG PHASING. ALL  
STAGES INCLUDE NALCO DVE-005 SCALE INHIB, 3 GPT IN  
PAD & 1/2 RAMP. 10 GPT IN FLUSH & PRE PAD. ALL WATER  
TREATED W/ NALCO BIOCID. .25 GPT. ALL STAGES  
TREATED W/ 30/50 SAND TAILED IN W/ 5000# TLC SAND FOR  
SAND CONTROL. ALL CBP'S ARE 4 1/2" BAKER 8K CBP'S.  
MIRU WEATHERFORD FRAC SVC @ 10:00 AM. PRIME PMP'S &  
PSI TST LINES TO 8500# (HELD). BEG FRAC @ 12:45 PM

STG 1: BRK DWN PERF'S @ 4335#, EST INJ RT @ 40 BPM @  
5400#, ISIP 3317#, FG .77, TREAT STG 1 W/ 33,380# SAND  
TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1096  
BBLs. ISIP 3259#, NPI -58#, FG .76

STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @  
10064', P/U SHOOT 12 HOLES F/ 10030' - 34', P/U SHOOT 12  
HOLES F/ 9970' - 74'. POOH. BRK DWN PERF'S @ 3472#, EST  
INJ RT @ 50.6 BPM @ 6300#, ISIP 3140#, FG .75, TREAT STG 2  
W/ 121,000# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR.  
TOT CL FL 3085 BBLs. ISIP 3490#, NPI 350#, FG .79

P/U 4 1/2" CBP & RIH. SET KILL PLUG @ 9910'. POOH. RDMO  
CUTTERS. RDMO WEATHERFORD. SWI. SDFN

4/17/2008

SUPERVISOR: JEFF SAMUELS

Wins No.: 94880

NBU 920-15B

API No.: 4304737895

EVENT INFORMATION:	EVENT ACTIVITY: COMPLETION	REASON:
	OBJECTIVE: DEVELOPMENT	DATE WELL STARTED/RESUMED:
	OBJECTIVE2: ORIGINAL	Event End Status:

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
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MILES 2 / 2

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation
	7:00 - 17:00	10.00	COMP	44	C	P	<p>7:00 AM HSM</p> <p>P/U 3 7/8" BIT, POBS &amp; RIH W/ TBG TO 3230'. PREP &amp; TALLY TBG &amp; CONT TO RIH P/U TBG OFF TRAILER. TAG KILL PLUG @ 9910'. R/U DRL EQUIP. R/U PMP &amp; LINES. BRK CONV CIRC &amp; BEG TO DRL</p> <p>DRL UP KILL PLUG, (1200# PSI INC). CONT TO RIH. TAG FILL @ 10034' (30' FILL). C/O TO 2ND CBP @ 10064'.</p> <p>DRL UP 2ND CBP, (800# PSI INC). CONT TO RIH. TAG FILL @ 10119', (75' FILL). C/O TO PBTD @ 10194'. CIRC WELL CLEAN. R/D DRL EQUIP. POOH. L/D 19 JTS ON TRAILER. LUBRICATE TBG HANGER INTO WELL. LAND TBG W/ EOT @ 9930'. NDBOPE. DROP BALL. NUWH. PMP OFF THE BIT SUB @ 3000#. R/U FLOW BACK EQUIP. TURN OVER TO FBC. RIG DWN, RACK OUT EQUIP. ROAD RIG TO NBU 920-20M</p> <p>SICP 2100# FTP 100# 48/64 CHOKE</p> <p>TBG ON LOC 335 JTS TBG IN WELL 316 JTS TBG LEFT ON TRAILER 19 JTS</p>

4/18/2008

SUPERVISOR: JEFF SAMUELS

7:00 -

33 A

7 AM FLOWBACK REPORT: CP 1600#, TP 1975#, 20/64" CK, 40 BWPH, TRACE SAND, LIGHT GAS  
TTL BBLS RECOVERED: 2084  
BBLS LEFT TO RECOVER: 2097

16:00 -

WELL TURNED TO SALES @ 1600 ON 4/18/2008 - FTP 1600#, FCP 1900#, CK 20/64", 1800 MCFD, 960 BWPD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements) \*

At surface

NW/NE 501'FNL, 1876'FEL

At top prod. interval reported below

At total depth

14. Date Spudded

02/18/08

15. Date T.D. Reached

03/12/08

16. Date Completed

☐ D & A ☒ Ready to Prod.

04/18/08

18. Total Depth: MD  
TVD

10.311'

19. Plug Back T.D.: MD  
TVD

10.194'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CCL-GR, SD, DSN, ACTR

22. Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐ Yes (Submit copy)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2880'		700 SX			
7 7/8"	4 1/2"	11.6#		10,311'		1885 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	9930'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	9970'	10,100'	9970'-10,100'	0.36	48	OPEN
B) WSMVD						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
9970'-10,100'	PMP 4181 BBLs SLICK H2O & 154,380# 30/50 SD

RECEIVED

MAY 19 2008

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/18/08	04/24/08	24	→	8	997	240			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
16/64	762#	1058#	→	8	997	240			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	5271' 8549'	8549'			

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
5. Sundry Notice for plugging and cement verification      5. Core Analysis      7. Other:

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (*please print*) SHEILA UPCHEGOTitle SENIOR LAND ADMIN SPECIALISTSignature Date 05/14/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☐ New ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements) \*

At surface

NW/NE 501'FNL, 1876'FEL

At top prod. interval reported below

At total depth

14. Date Spudded

02/18/08

15. Date T.D. Reached

03/12/08

16. Date Completed

☐ D & A ☒ Ready to Prod.  
09/13/08

18. Total Depth: MD  
TVD

10.311'

19. Plug Back T.D.: MD  
TVD

10.040'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

N/A

22. Was well cored? ☒ No ☐ Yes (Submit copy)  
Was DST run? ☒ No ☐ Yes (Submit copy)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2880'		700 SX			
7 7/8"	4 1/2"	11.6#		10,311'		1885 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	9583'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8560'	9790'	8560'-9790'	0.36	164	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
8560'-9790'	PMP 15,685 BBLS SLICK H2O & 580,548# 30/50 SD

RECEIVED

OCT 06 2008

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/13/08	09/16/08	24	→	2	1,280	912			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 2323# SI	Csg. Press. 2355#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
18/64			→	2	1280	912			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	5271' 8549'				

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis   | 7. Other:     |                       |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) SHEILA UPCHEGO Title REGULATORY ANALYST

Signature *Sheila Upchego* MR Date 10/01/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Operator: Kerr-McGee Oil & Gas Onshore, LP Account: N2995 Today's Date: 10/13/2008

Problems:

- ☐ Late Report(s)  
☐ Inaccurate Report(s)  
☐ Incomplete Report(s)  
☒ Other: Logs

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

Send reports to:

Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 P.O. Box 145801  
 Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940

9S 20E 15

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input checked="" type="checkbox"/> Other <u>Logs</u>	NBU 1022-18A NBU 1022-6J NBU 920-15B <input type="checkbox"/> List Attached	4304739030 4304738158 4304737895	

Description of Problem:

Per rule R649-3-21 2, within 30 days after the completion of any well drilled or redrilled for the production of oil or gas, form 8, well completion or recompletion report and log, shall be filed with the division, together with a copy of the electric and radioactivity logs, if run.

Well completion reports state CBL, CCL and GR logs were run on the above wells.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
 RAM  
 Well File